


1fw/2113

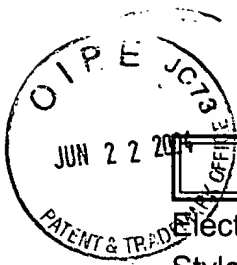


Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 63043
Application ID: 09606730 
Title of Invention: DATA STORAGE SYSTEM HAVING
POINT-TO-POINT
CONFIGURATION
First Named Inventor: Paul Wilson
Domestic/Foreign Application: Domestic Application
Filing Date: 2004-06-22
Effective Receipt Date: 2004-06-22
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 6692
Attorney Docket Number: EMC2-048PUS


Total Fees Authorized: 180.0
Payment Category: Deposit Account
Deposit Account Number: 50889
Deposit Account Name: Richard Sharkansky
Access Code: ****
RAM Payment Status: RAM success
RAM User ID: EFSPROD
RAM Accounting Date: 2004-06-22
RAM Sequence Number: 12

Digital Certificate Holder: cn=Richard M. Sharkansky,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 5bd54f9533f9b64e46a6bded8c6bf5a04099be72



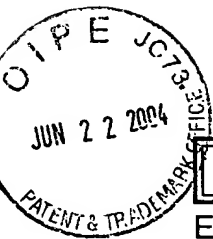
TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

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<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Richard M Sharkansky Registered Number: 25800</td><td>/rms/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Richard M Sharkansky Registered Number: 25800	/rms/	Attorney								
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<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>EMC2-048PUS-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xsl</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>EMC2-048PUS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-fee-sheet	EMC2-048PUS-usfees.xml		us-fee-sheet.xsl		us-fee-sheet.dtd	us-ids	EMC2-048PUS-usidst.xml		us-ids.dtd		us-ids.xsl
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Comments

**FEE TRANSMITTAL**

Electronic Version v08
Stylesheet Version v08.0


Title of Invention	DATA STORAGE SYSTEM HAVING POINT-TO-POINT CONFIGURATION										
Application Number: 09/606730 											
Date: 2004-06-22											
First Named Applicant: Paul C Wilson											
Attorney Docket Number: EMC2-048PUS											
Art Unit: 2113											
Examiner: Emerson C Puente											
TOTAL FEE AUTHORIZED \$180											
Patent fees are subject to annual revisions on or about October 1st of each year.											
BASIC FILING FEE											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
AUTHORIZED BILLING INFORMATION											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Deposit account number: 050889											
Access Code *****											
Deposit name: EMC Corporation											
Deposit authorized name: Richard Sharkansky											
Signature: /rms/											
Date (YYYYMMDD): 2004-06-22											



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	DATA STORAGE SYSTEM HAVING POINT-TO-POINT CONFIGURATION																				
<p>Application Number: 09/606730 </p> <p>Confirmation Number: 6692</p> <p>First Named Applicant: Paul Wilson</p> <p>Attorney Docket Number: EMC2-048PUS</p> <p>Art Unit: 2113</p> <p>Examiner: Emerson C Puente</p> <p>Search string: (4977556).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4977556</td><td>1990-12-11</td><td>Noguchi</td><td></td><td>370</td><td>60</td></tr></tbody></table> <p>Signature</p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4977556	1990-12-11	Noguchi		370	60	Examiner Name	Date		
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